



First Named Inventor: Alan Smithies
Filed: November 30, 2001 Serial No: 10/000,236
REPLACEMENT SHEET
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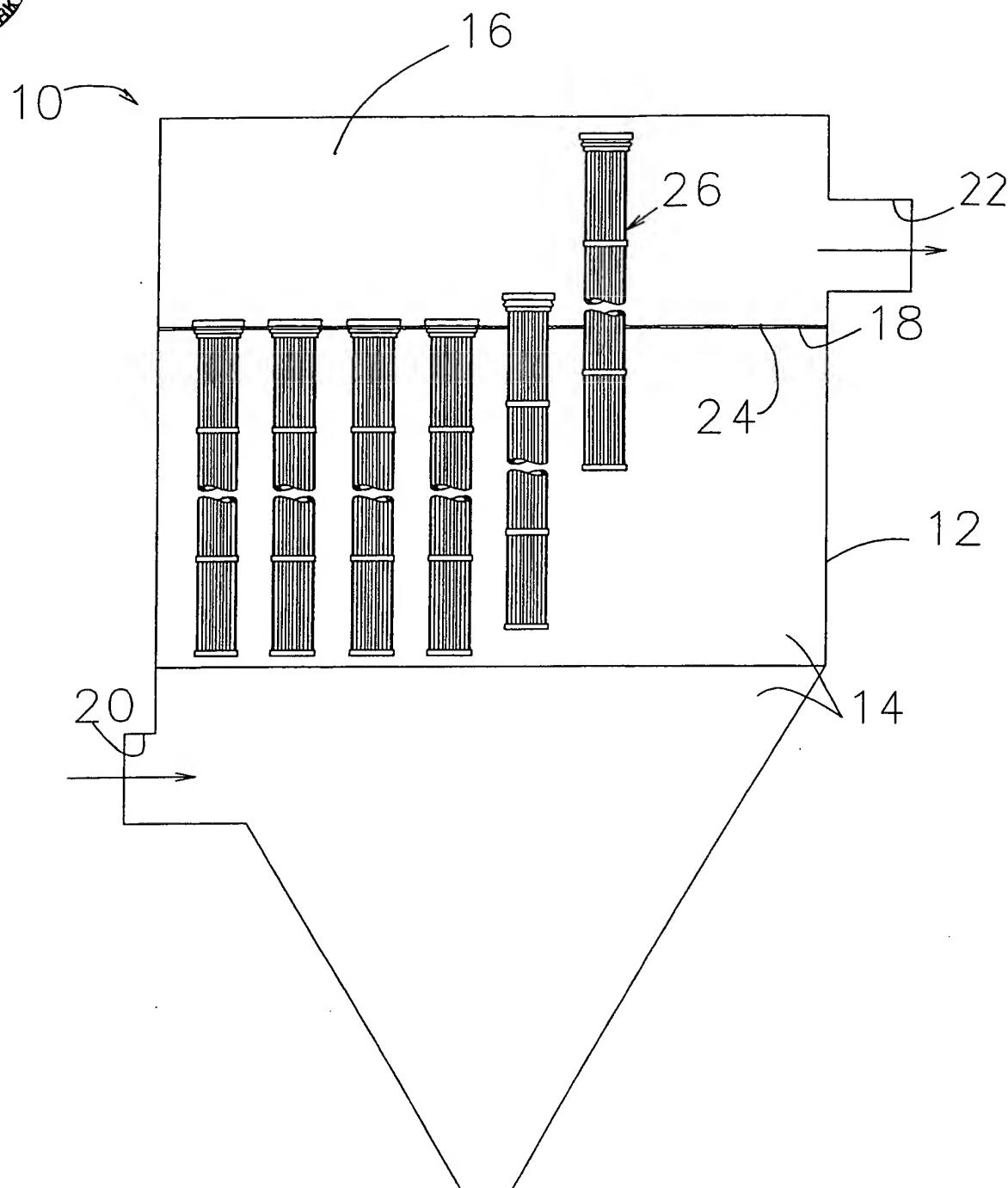


FIG. 1

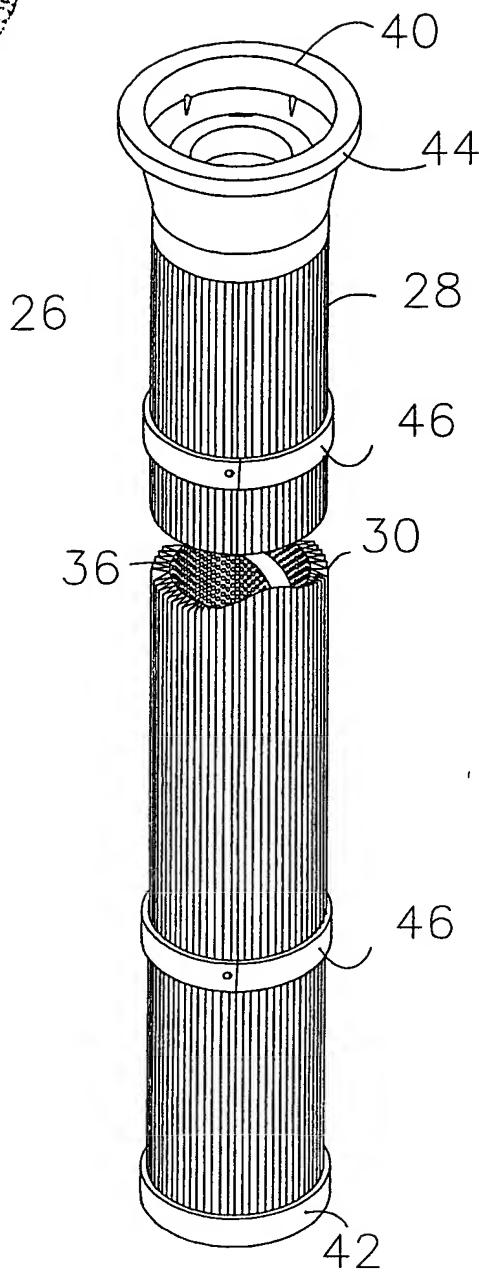


FIG. 2

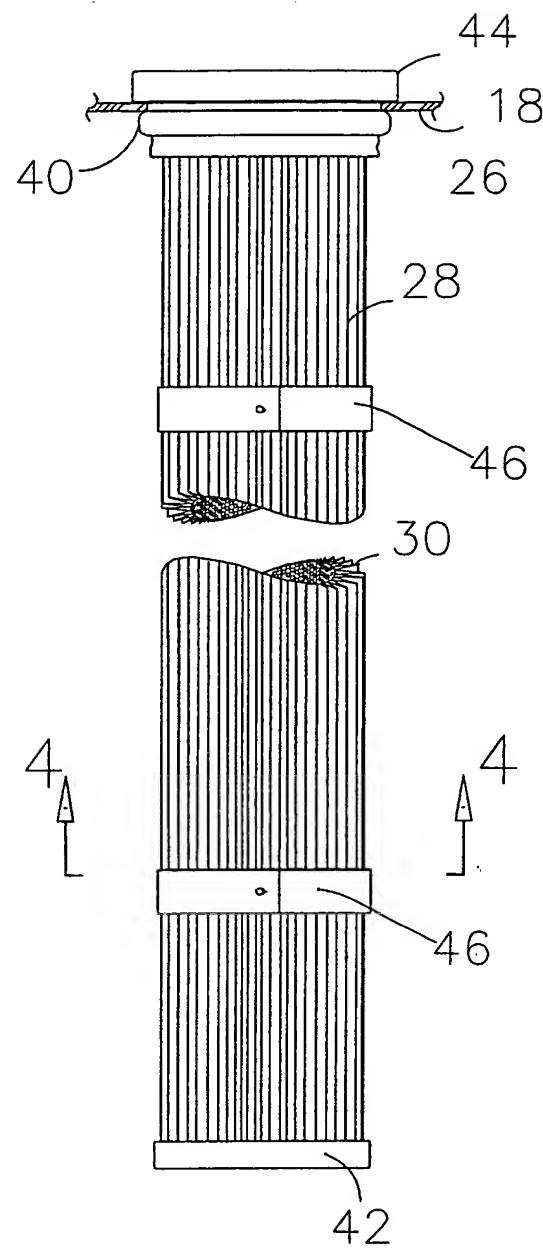


FIG. 3

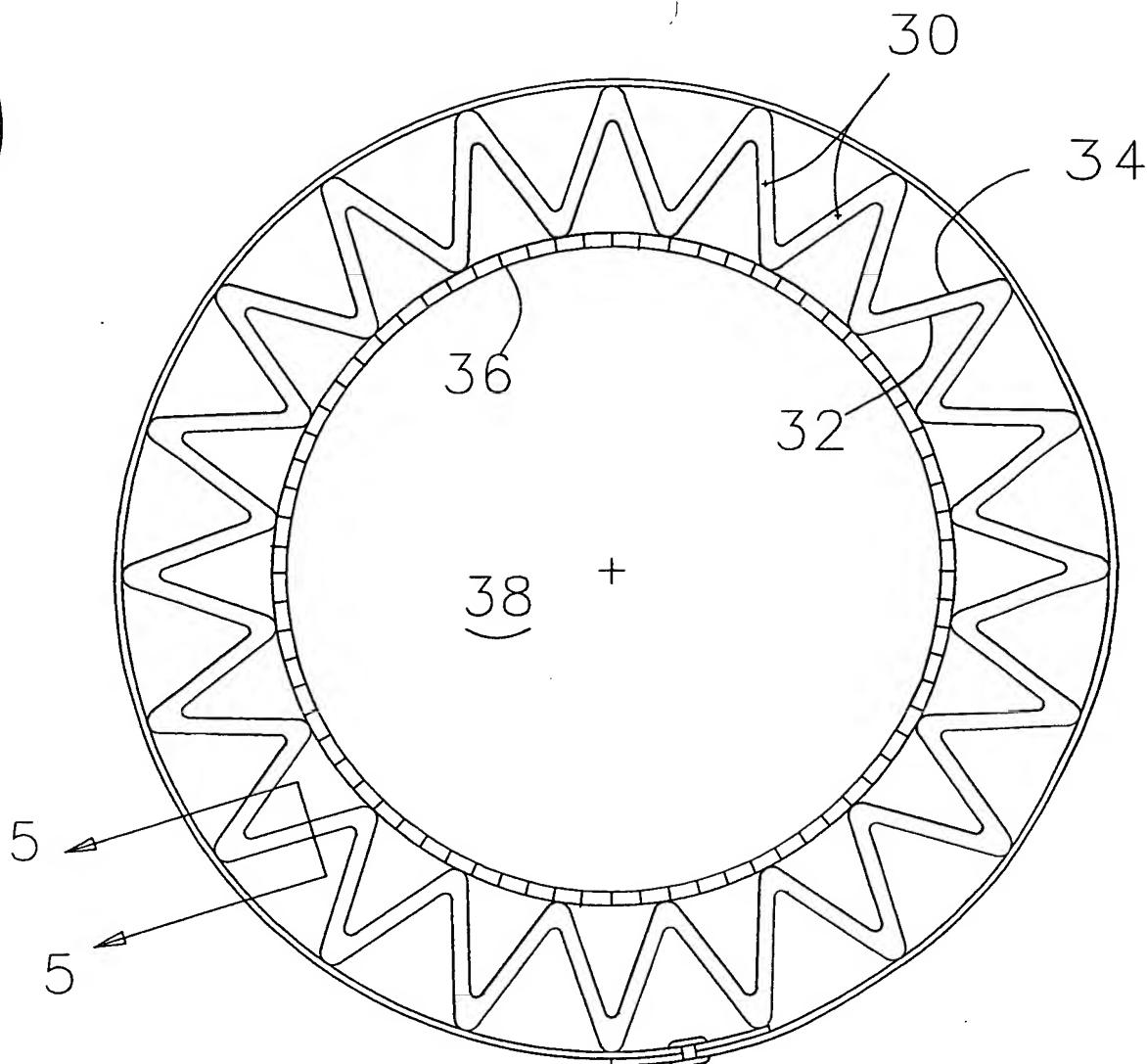


FIG. 4



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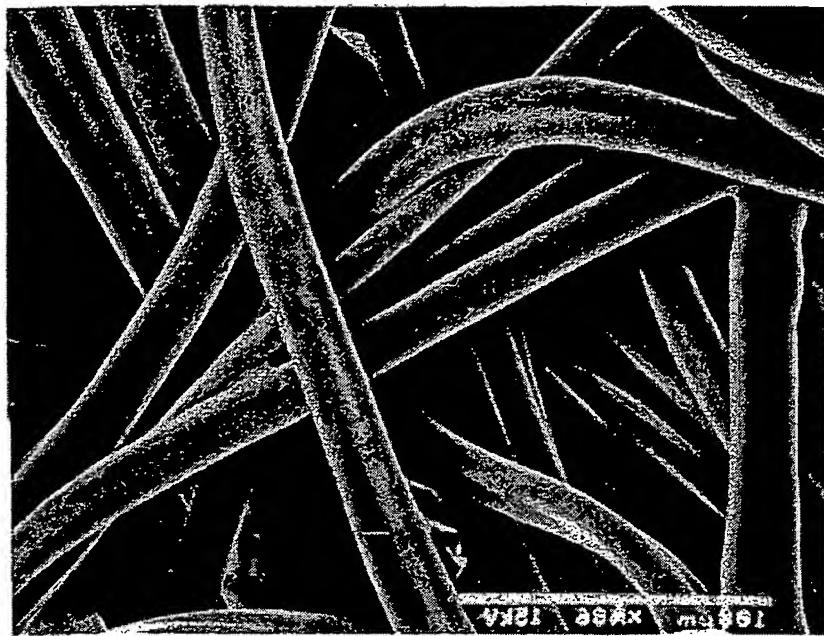


FIG. 5



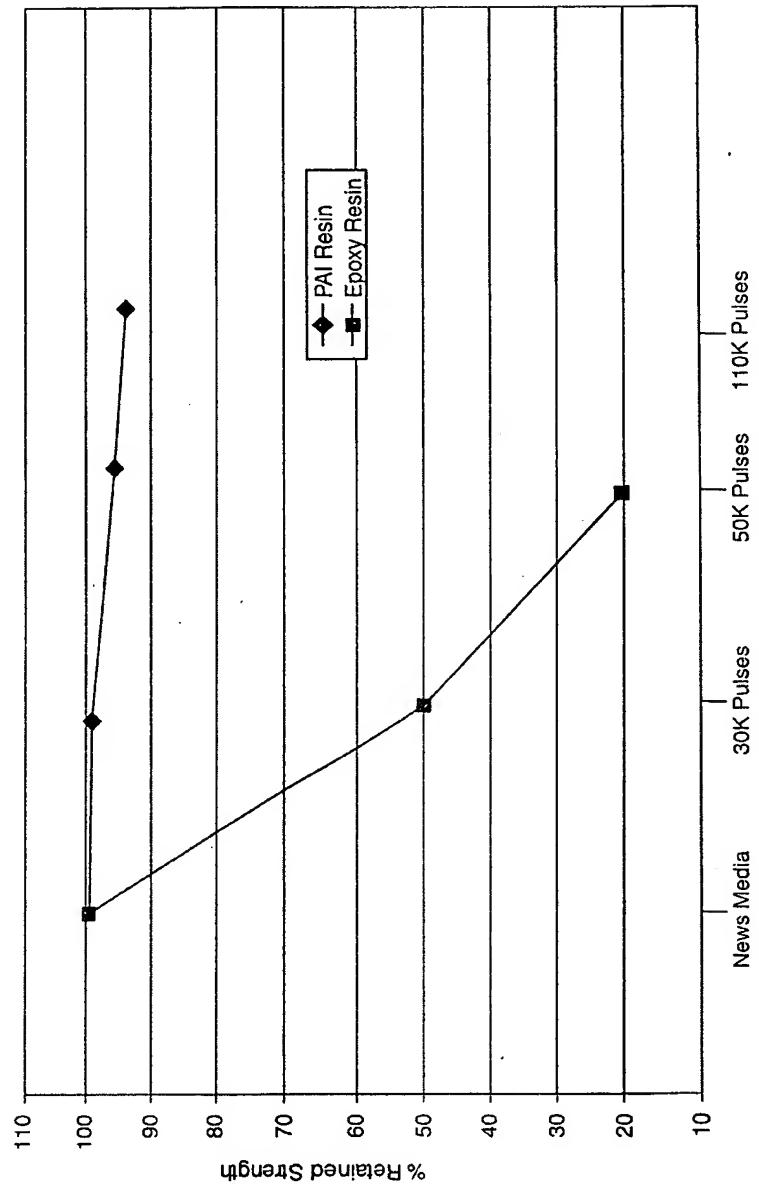
FIG. 6



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Fig. 7

Combined Average MD and XMD Retained Tensile Strength of PAI Resin Treated Aramid
Versus Epoxy Resin Treatment Aramid



Note: Epoxy resin treated substrate experienced complete filter failure prior to 110,000 pulses
Number of Pulses at 60psi in BEST tester



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Fig. 8

Combined Average MD and XMD Retained Tear Strength of PAI Resin Treated Aramid
Versus Epoxy Resin Treated Aramid

